

Amendments to the Claims

Claim 1 (currently amended): ~~Device-A~~ A device for stimulating a biological sample characterised in that it is provided with comprising a clamping means for clamping a sample, and electrodes for stimulating said sample, wherein said clamping means and electrodes are arranged such that when said biological sample is clamped by said clamping means, said electrodes substantially simultaneously penetrate said sample.

Claim 2 (currently amended): ~~Device in accordance with claim 1~~ characterised in that it also comprises The device of claim 1, further comprising at least one recording electrode.

Claim 3 (currently amended): ~~Device in accordance with claim 2~~ characterised in that The device of claim 1, wherein said recording electrode is arranged such that when said biological sample is clamped by said clamping means, said recording electrode substantially simultaneously penetrates said sample.

Claim 4 (currently amended): ~~Device in accordance with any of claims 2-3~~ characterised in that it is provided with The device of claim 2, further comprising an array of recording electrodes.

Claim 5 (currently amended): ~~Device in accordance with any of the previous claims~~ characterised in that it has The device of claim 1, further comprising a sample placement region and at least one movable clamping arm movable from a non-sample clamping position to a sample clamping position over said sample placement position.

Claim 6 (currently amended): ~~Device in accordance with any of the previous claims characterised in that~~ The device of claim 1, wherein said biological sample is an organ.